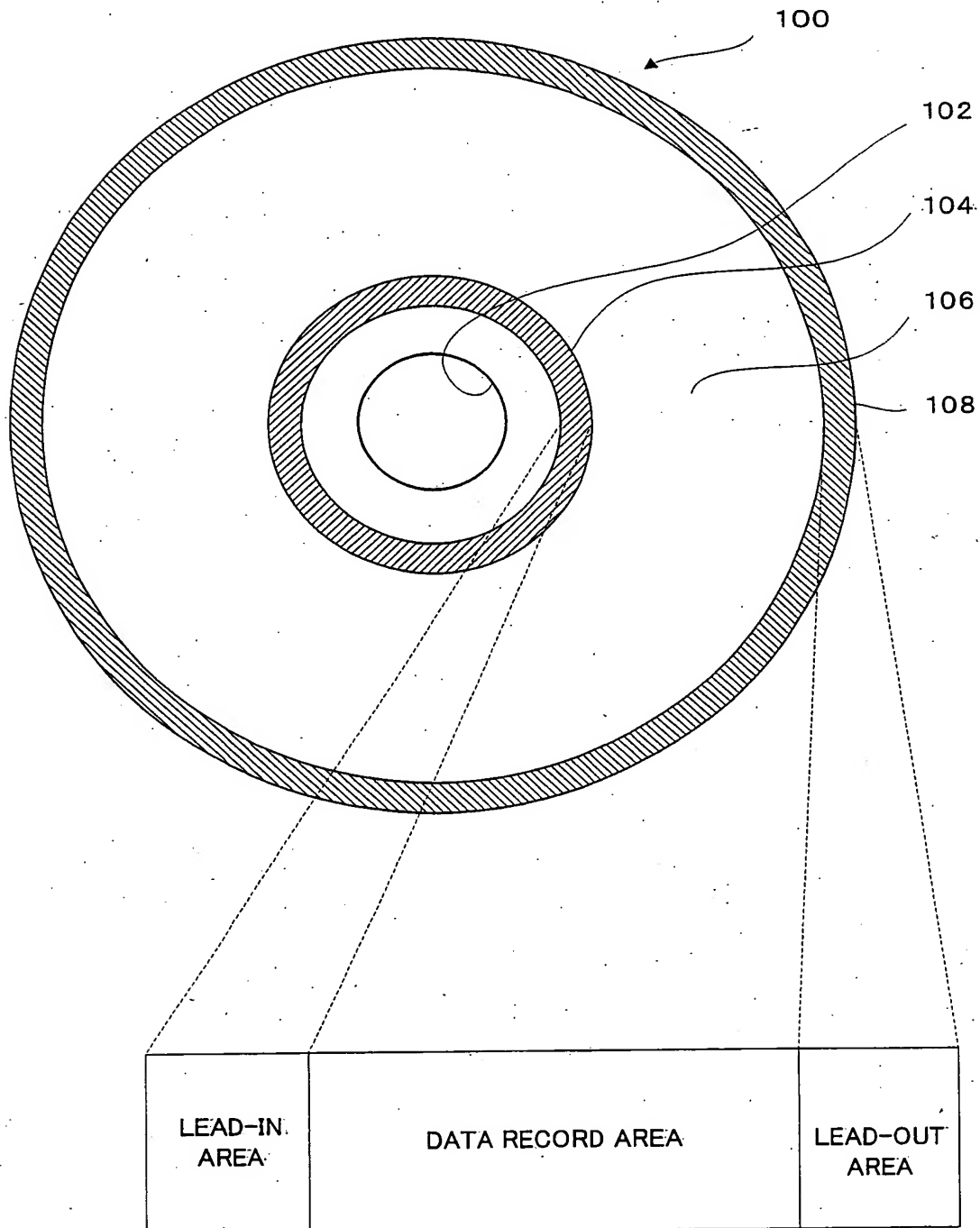


TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 1



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 2(a)

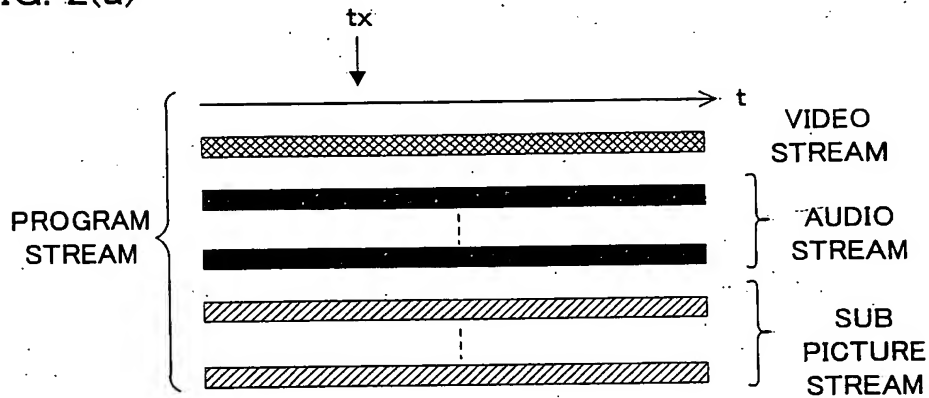
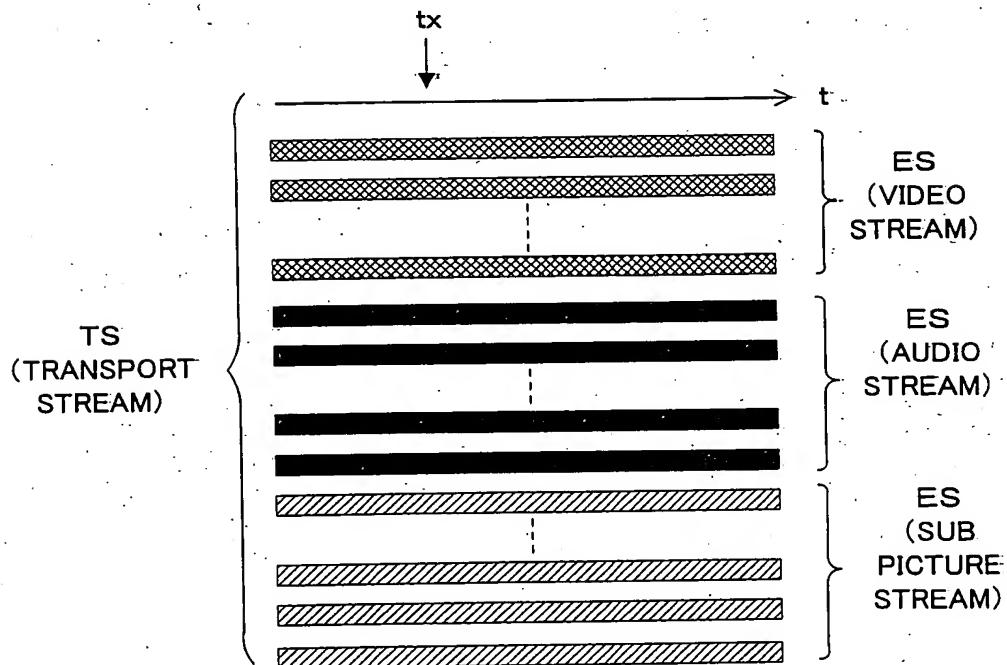


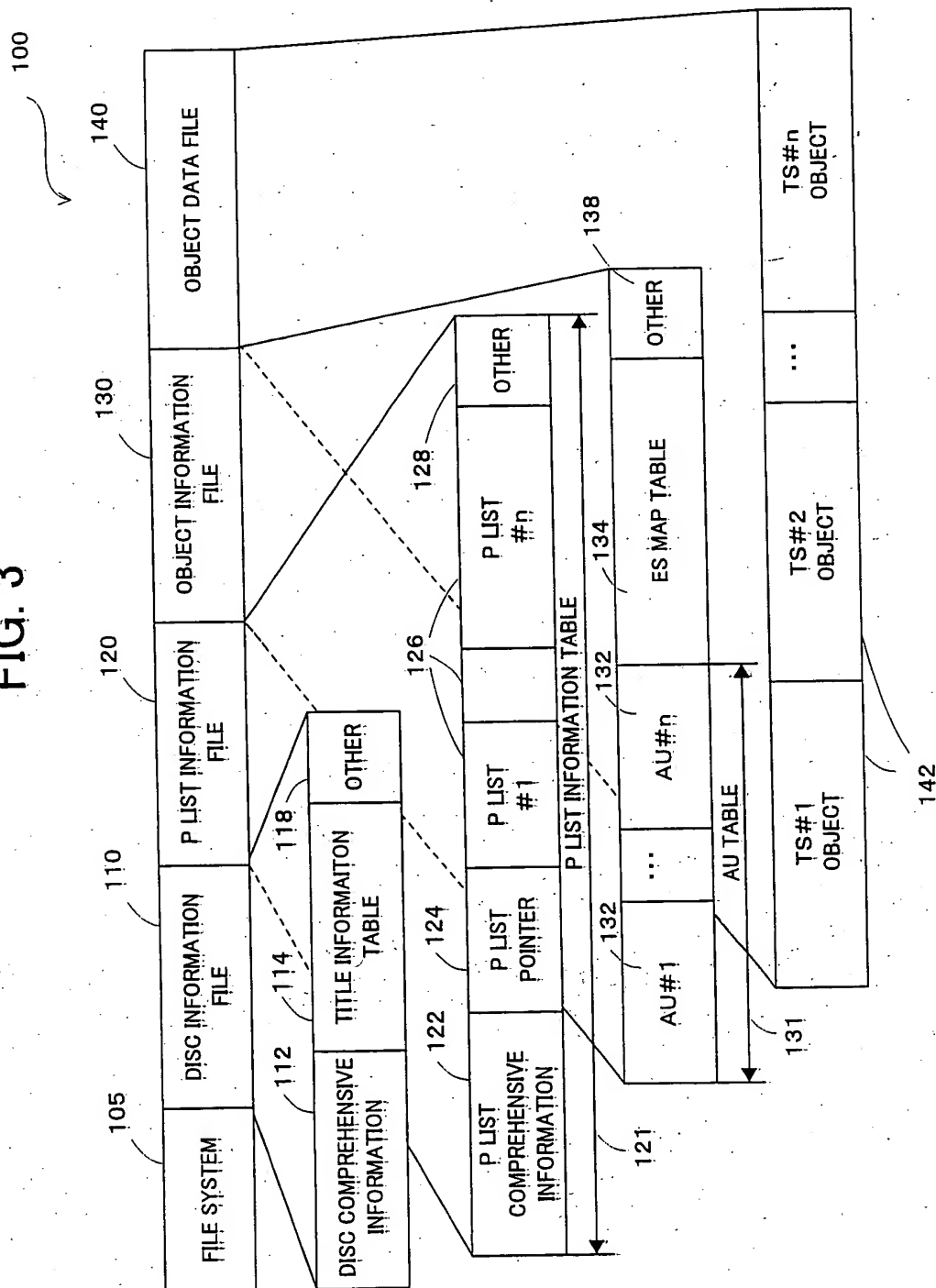
FIG. 2(b)



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

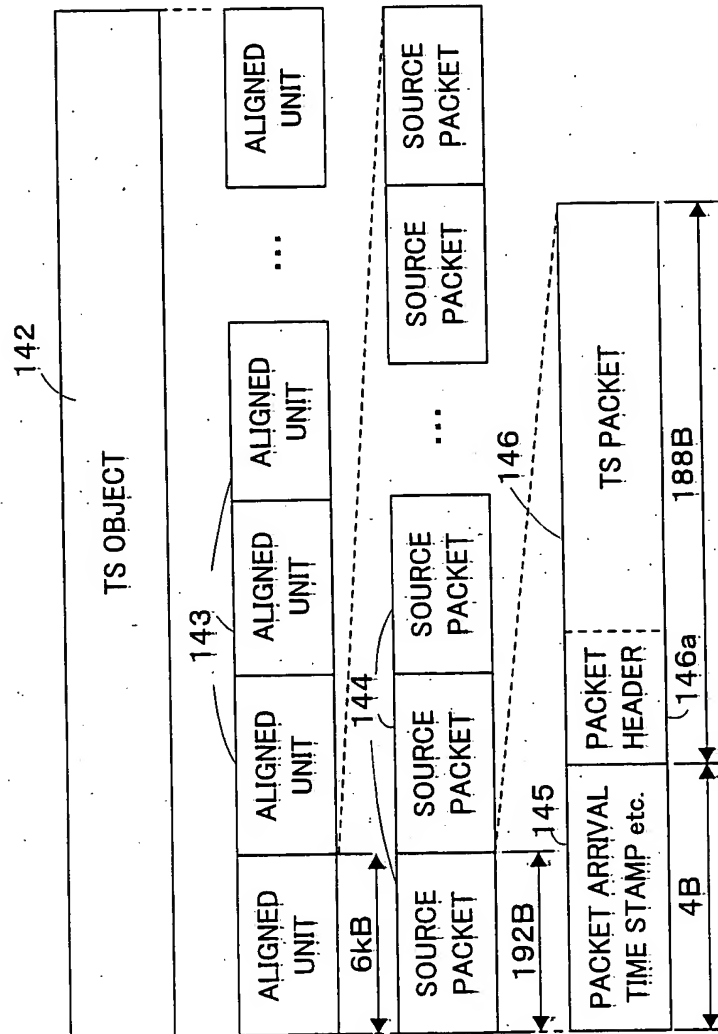
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FIG. 3



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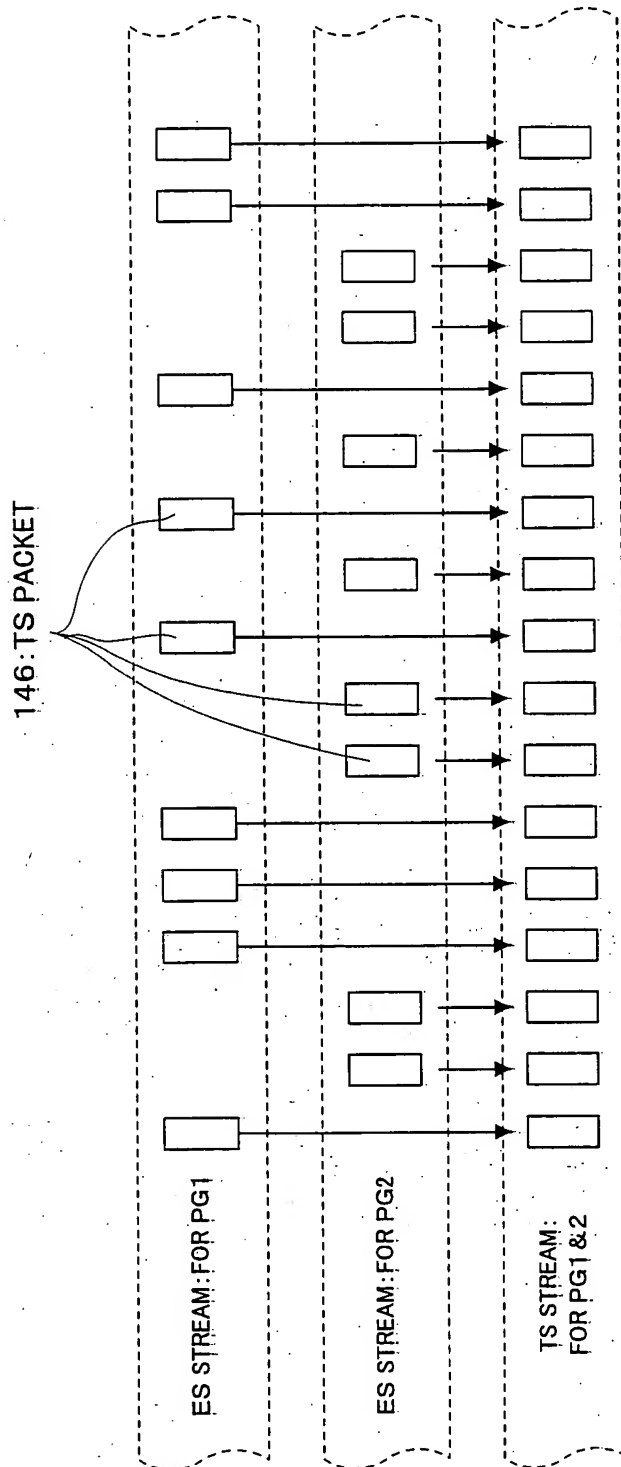
FIG. 4



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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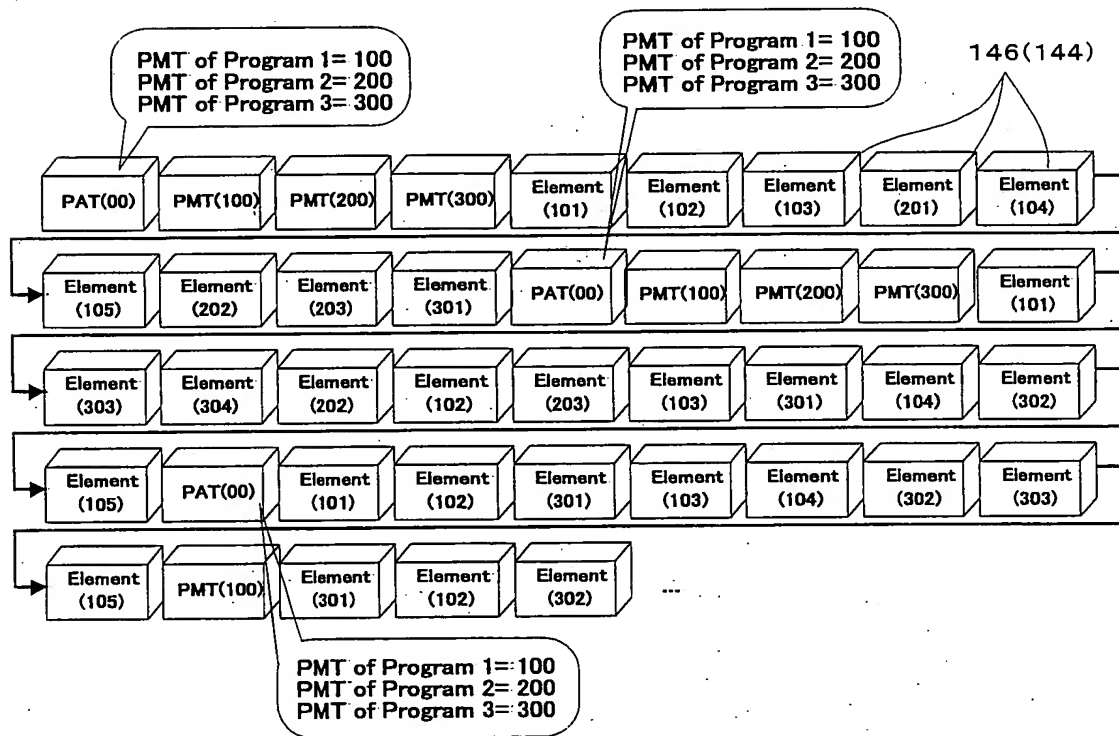
FIG. 5



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION  
REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD,  
RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

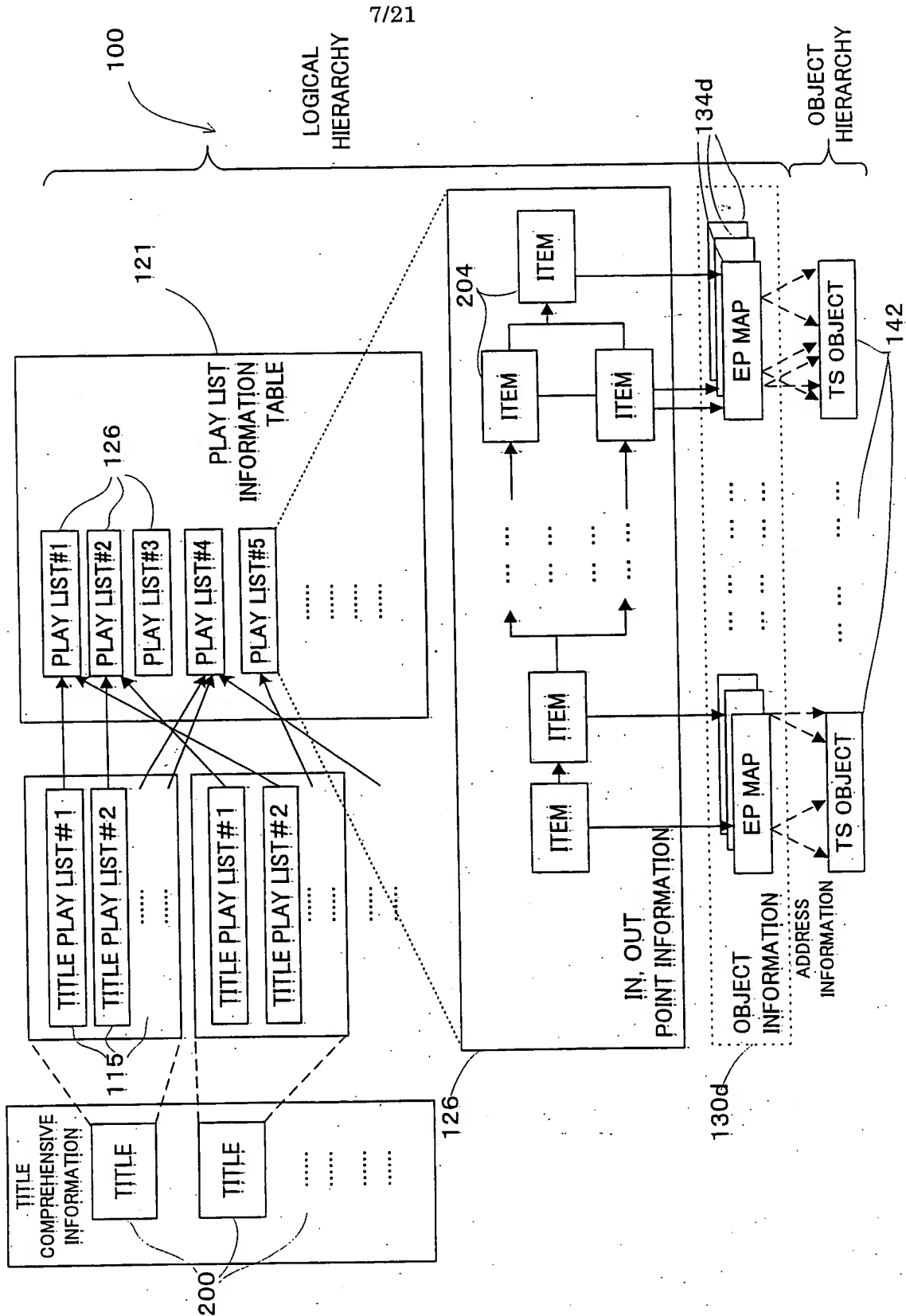
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FIG. 6



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

FIG. 7



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 8(a)

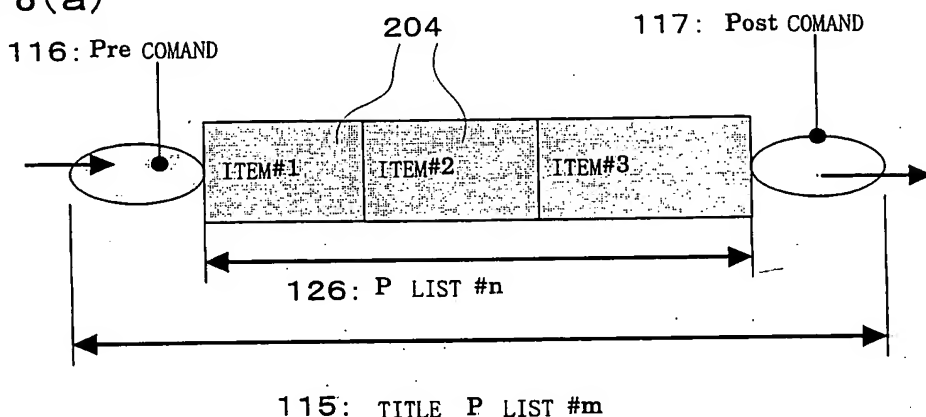


FIG. 8(b)

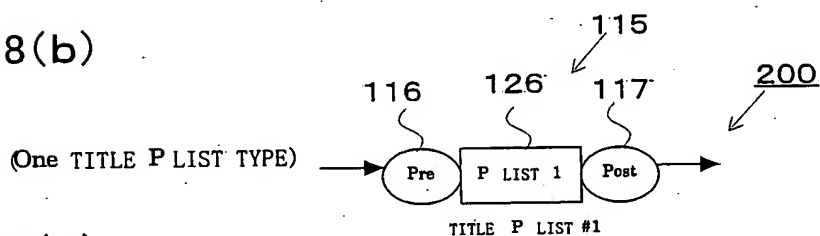


FIG. 8(c)

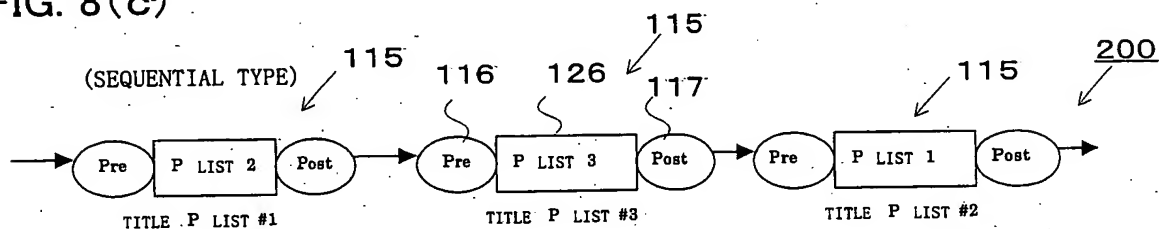
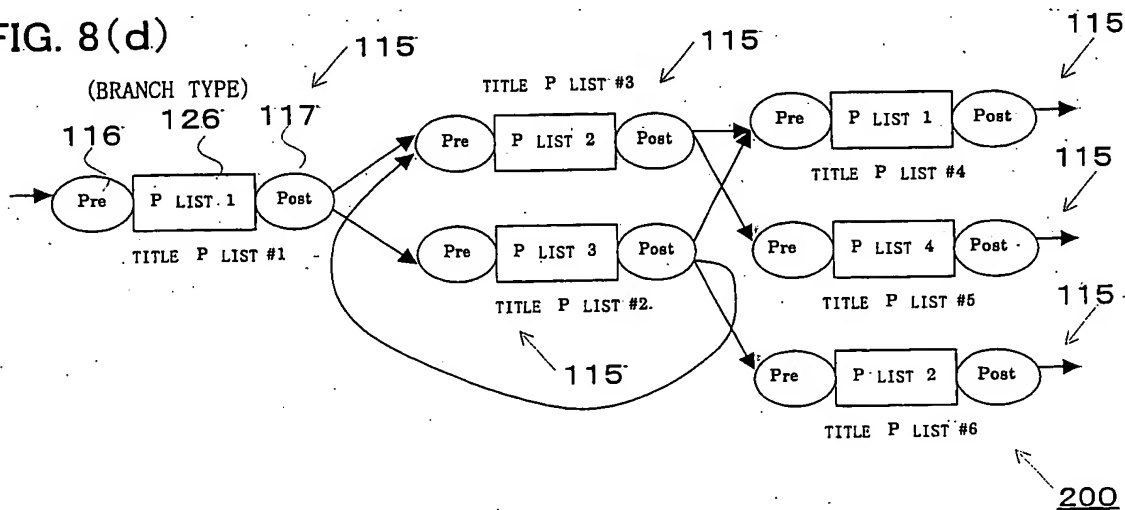


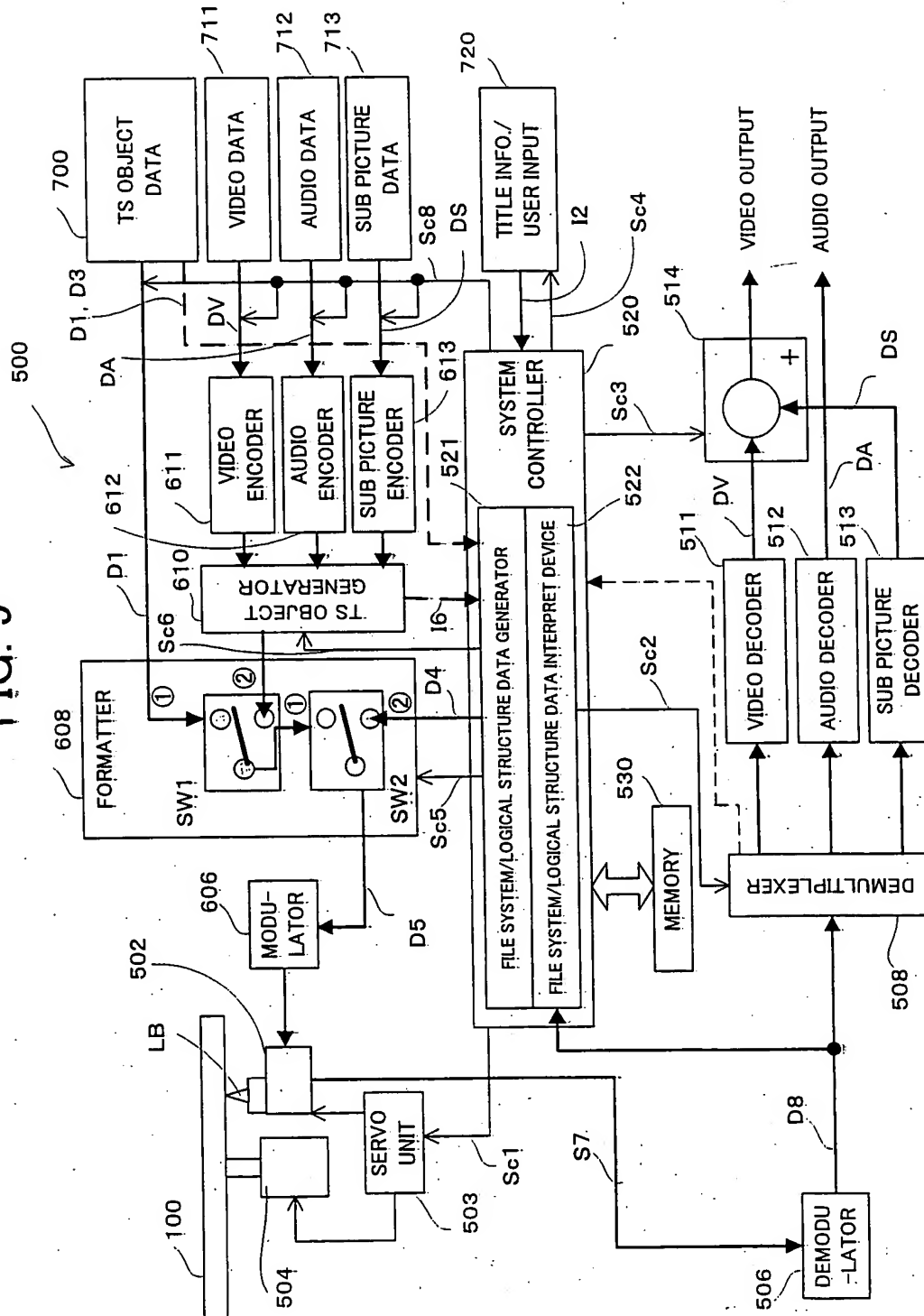
FIG. 8(d)





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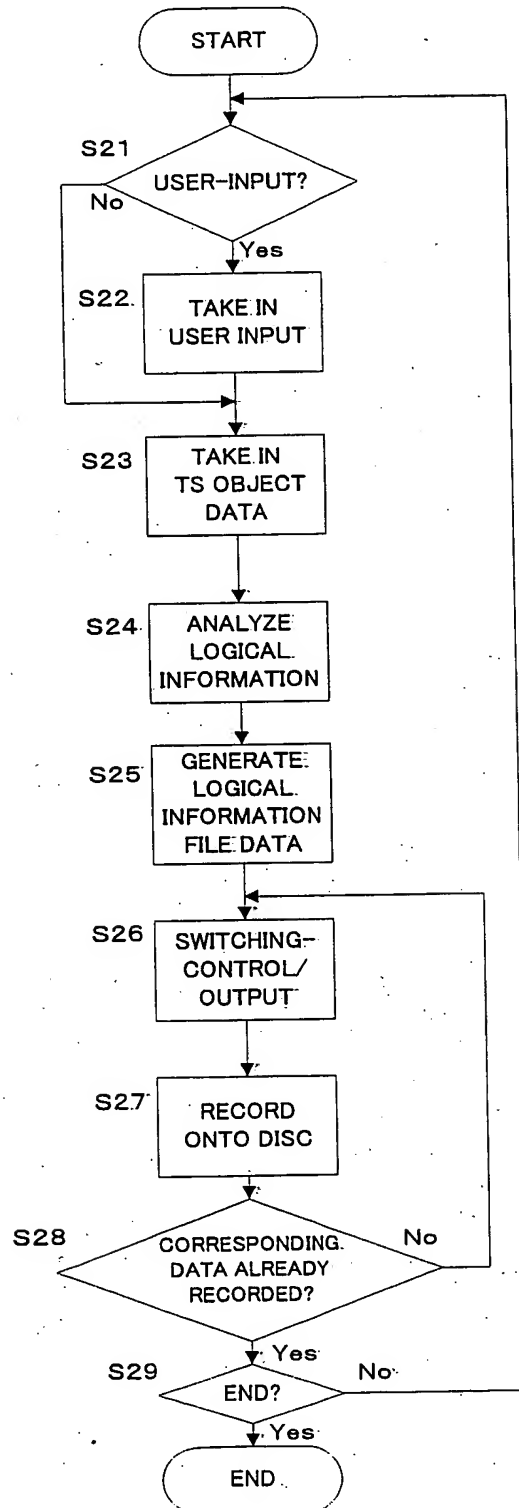
FIG. 9



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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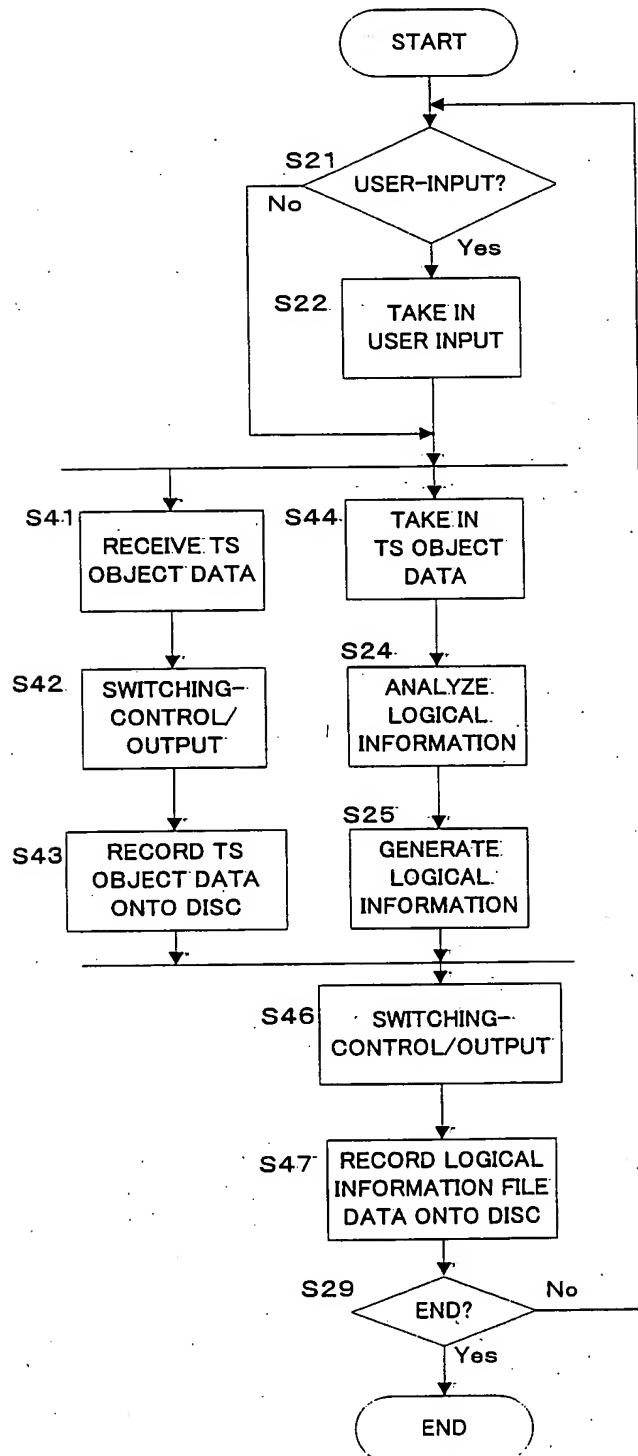
FIG. 10



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

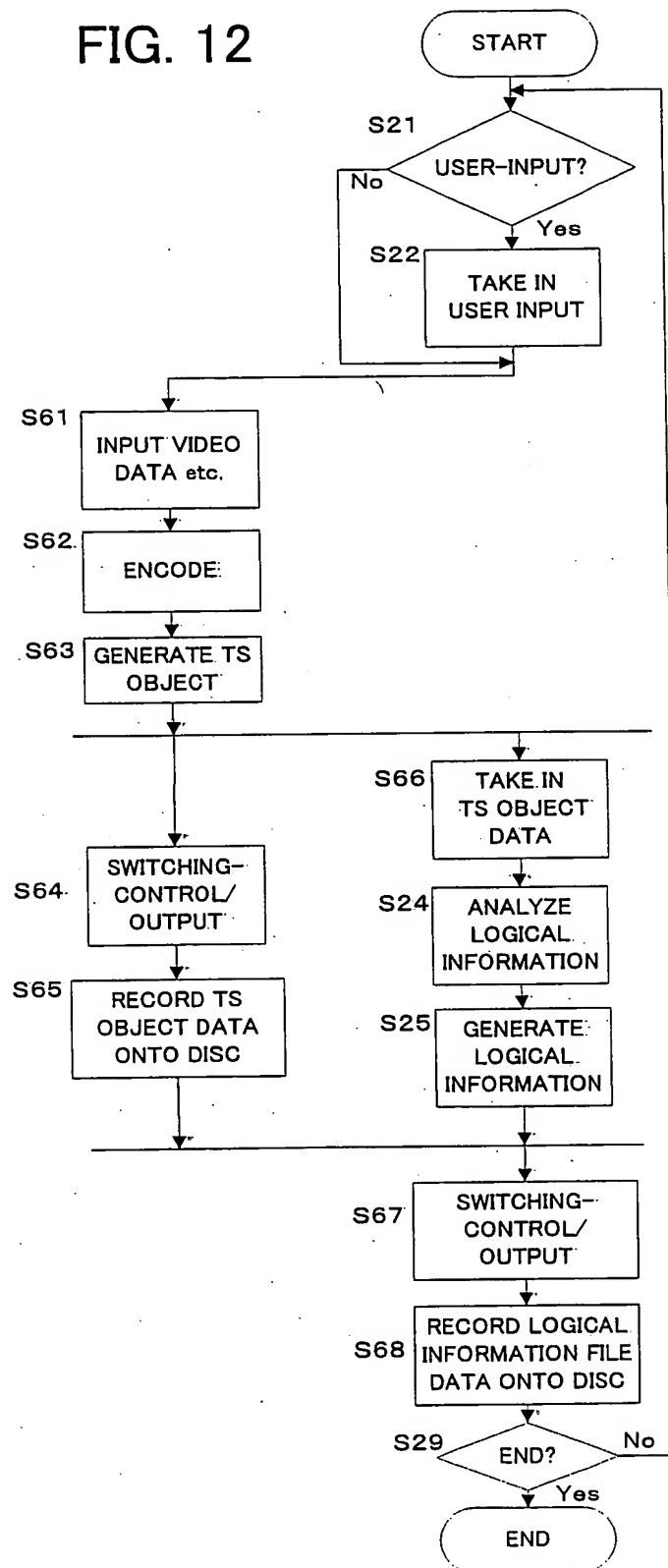
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FIG. 11



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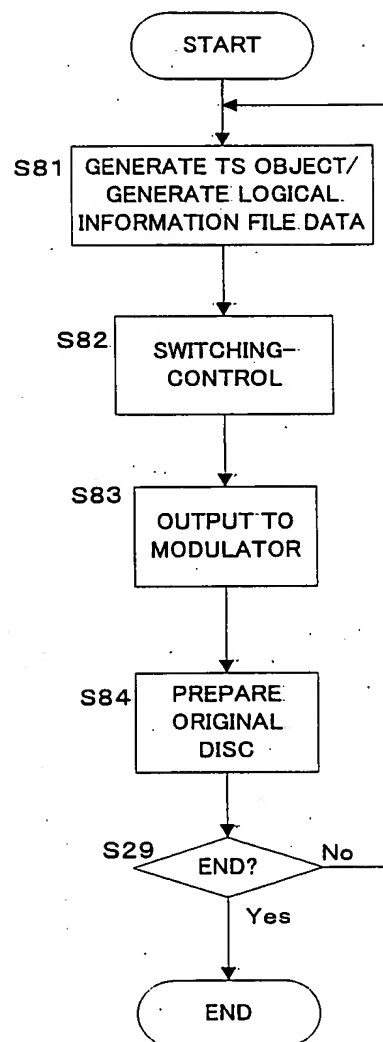
FIG. 12



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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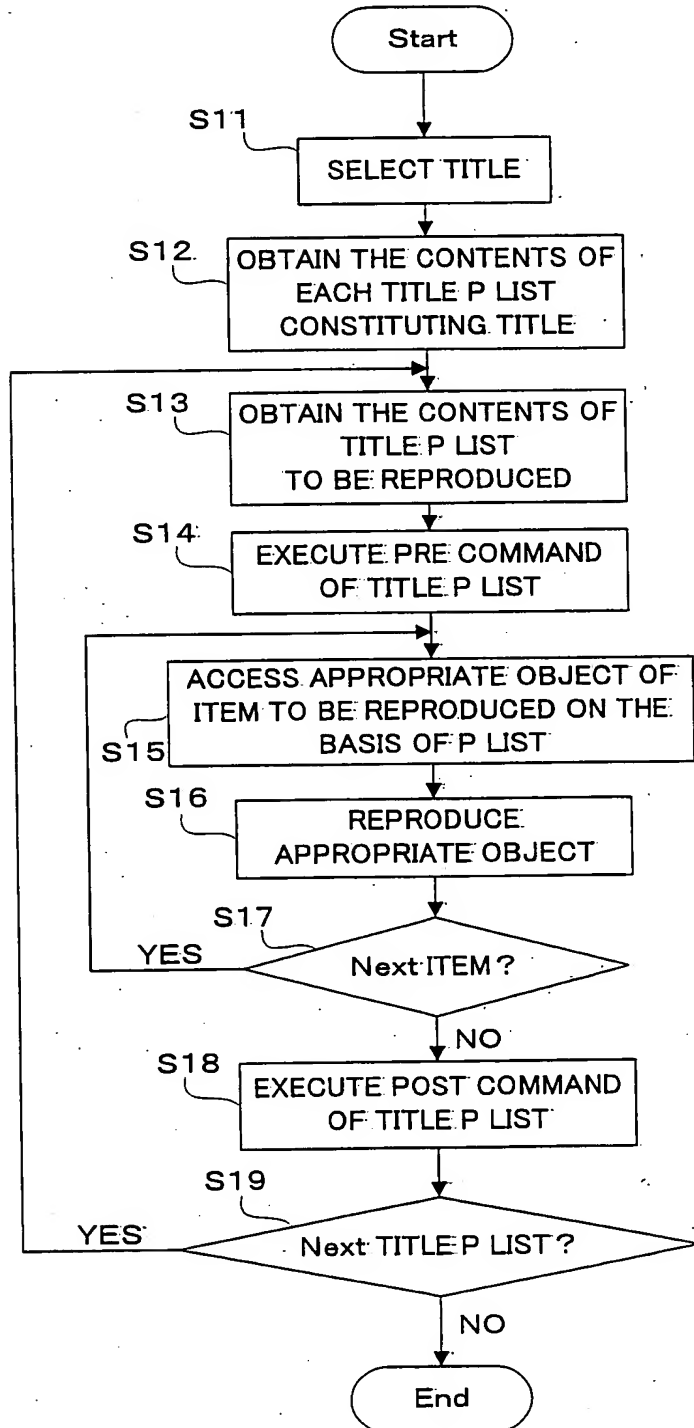
FIG. 13



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

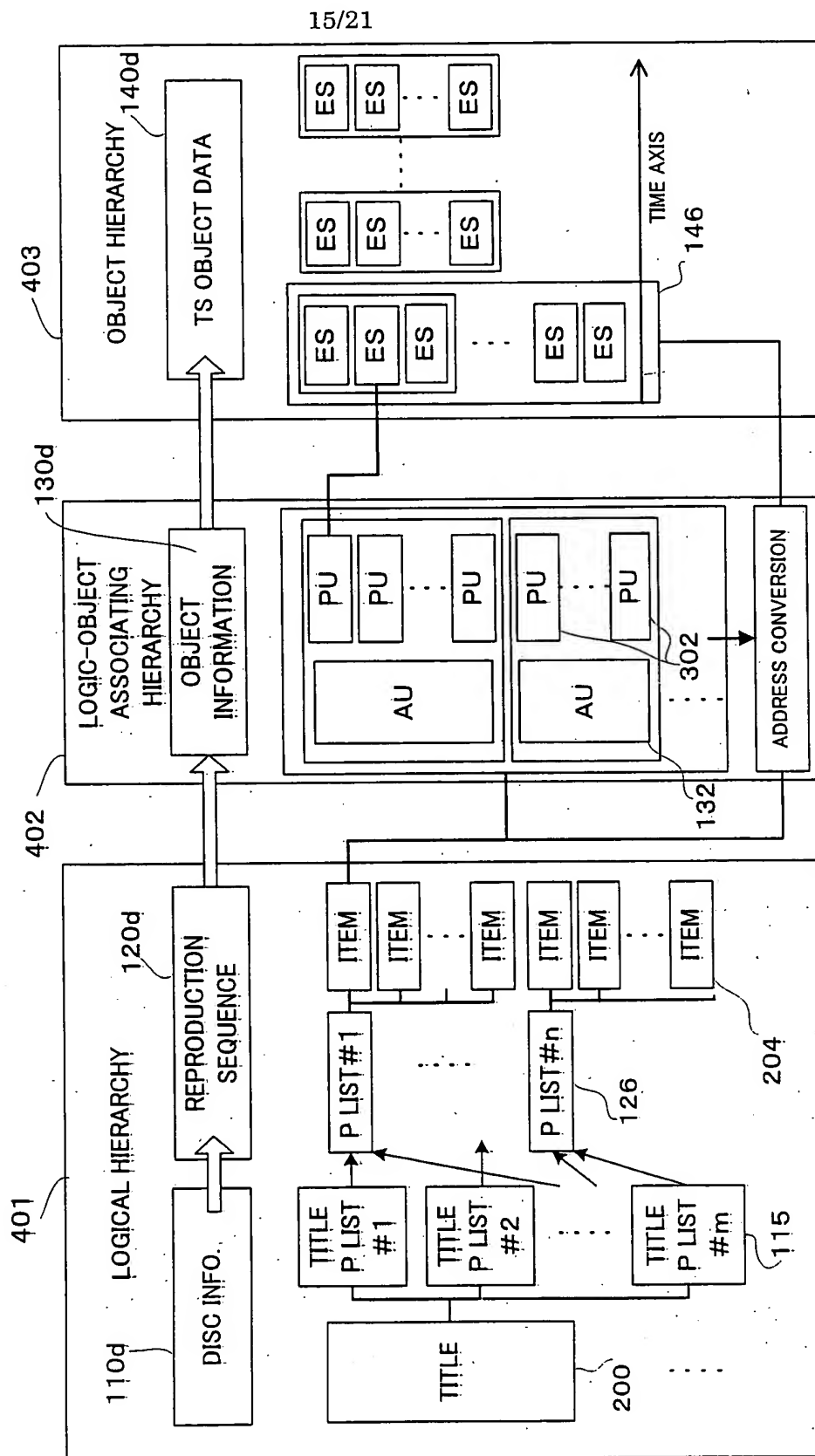
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FIG. 14



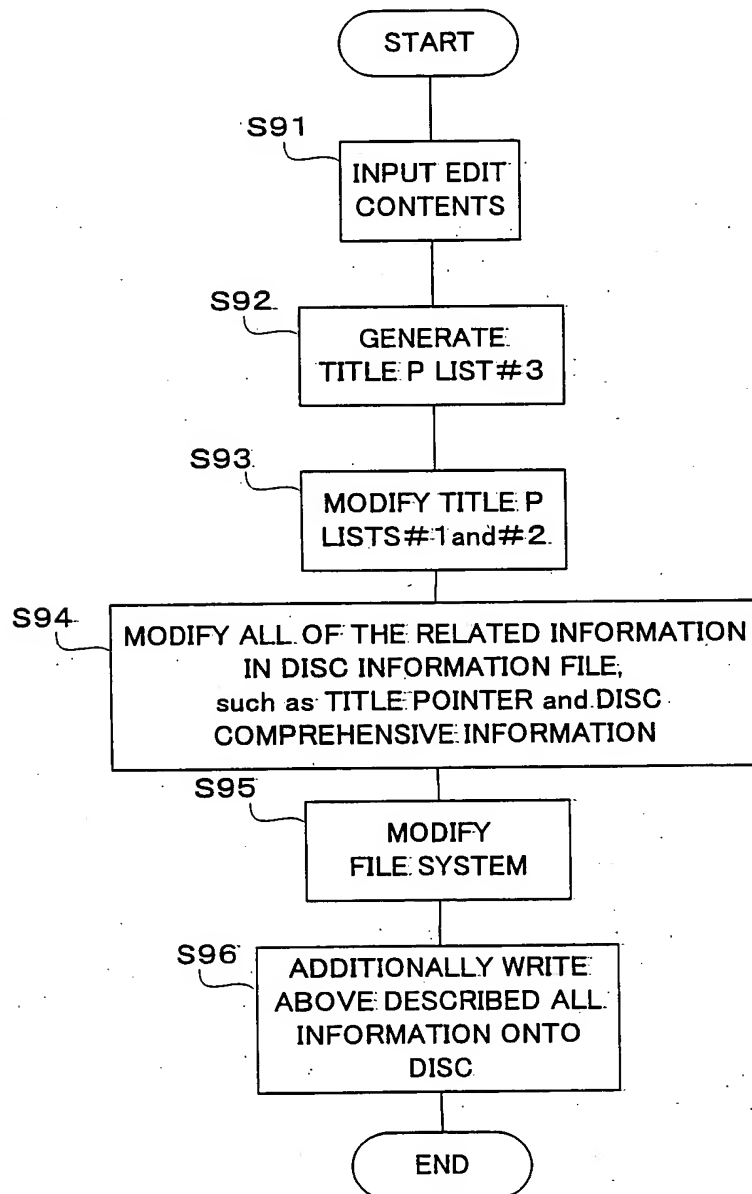
TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

FIG. 15



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FIG. 16

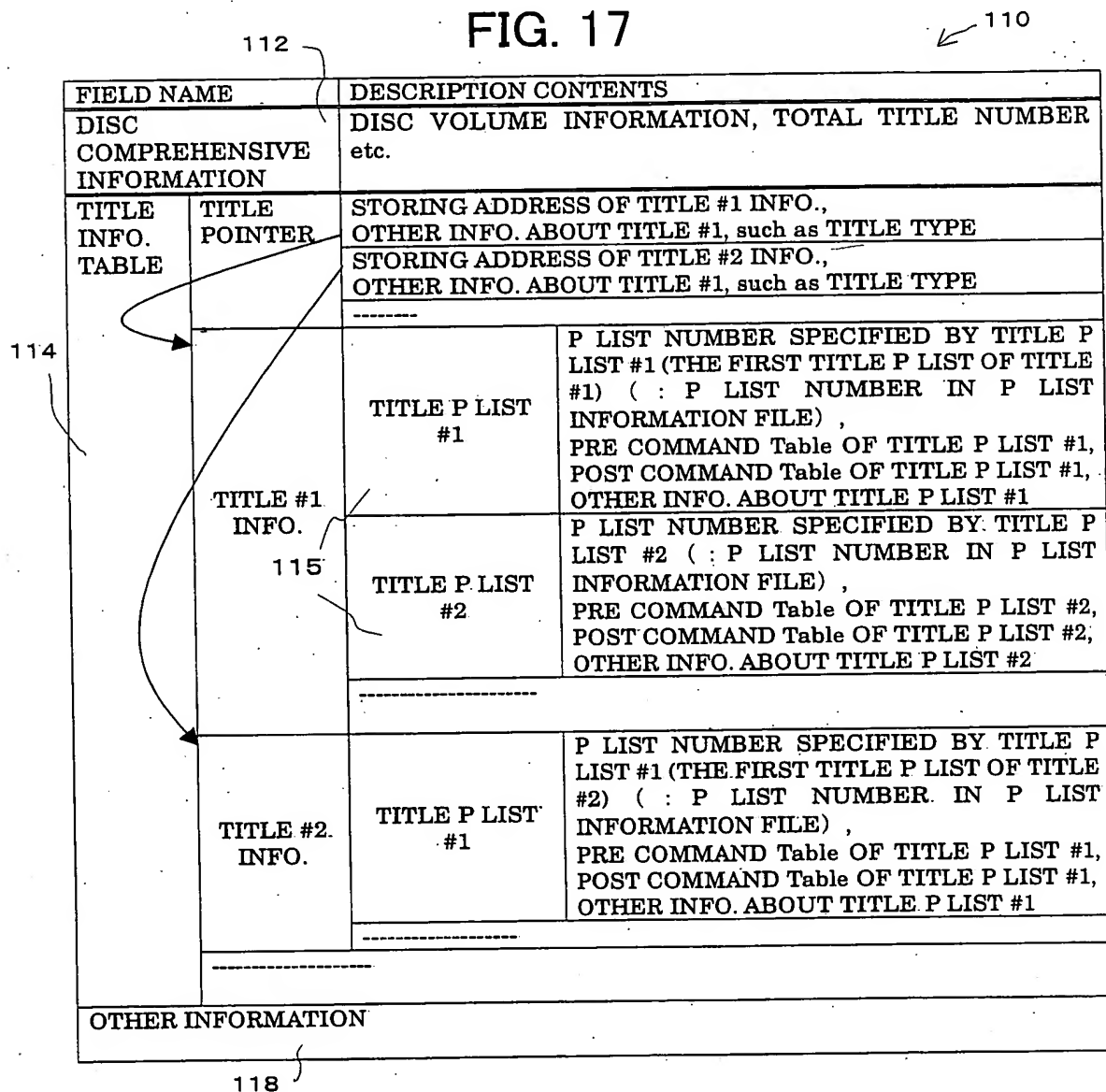




TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 17



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 18

112

110'

FIELD NAME		DESCRIPTION CONTENTS	
DISC COMPREHENSIVE INFORMATION		DISC VOLUME INFORMATION (THE CONTENT THEREOF IS OMITTED), THE TOTAL NUMBER OF TITLES =3, OTHER INFORMATION	
TITLE INFO. table	TITLE POINTER	STORING ADDRESS OF TITLE #1 INFO., TITLE TYPE=One TITLE P LIST TYPE, THE TOTAL NUMBER OF P LIST INFO.=1, OTHER INFO. ABOUT TITLE #1	
		STORING ADDRESS OF TITLE #2 INFO., TITLE TYPE=SEQUENTIAL TYPE, THE TOTAL NUMBER OF P LIST INFO.=3, OTHER INFO. ABOUT TITLE #2	
		STORING ADDRESS OF TITLE #3 INFO., TITLE TYPE=BRANCH TYPE, THE TOTAL NUMBER OF P LIST INFO.=6, OTHER INFO. ABOUT TITLE #3	
		TITLE P LIST #1	P LIST NUMBER SPECIFIED BY TITLE P LIST #1=1, Pre COMMAND TABLE OF TITLE P LIST #1, Post COMMAND TABLE OF TITLE P LIST #1 OTHER INFO. ABOUT TITLE P LIST #1
	TITLE #1 INFO.	TITLE P LIST #1	
		TITLE P LIST #2	
		TITLE P LIST #3	
	TITLE #2 INFO.	TITLE P LIST #1	
		TITLE P LIST #2	
		TITLE P LIST #3	
		TITLE P LIST #4	
	TITLE #3 INFO.	TITLE P LIST #5	
		TITLE P LIST #6	
		OTHER INFORMATION	

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TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 19

115T

FIELD NAME	DESCRIPTION CONTENTS	REMARKS
115P COMMAND POINTER	Pre COMMAND Table START ADDRESS	RELATIVE ADDRESS
	THE TOTAL Pre COMMAND NUMBER	
	Post COMMAND Table START ADDRESS	RELATIVE ADDRESS
	THE TOTAL Post COMMAND NUMBER	
	OTHER INFORMATION	
116T Pre COMMAND Table	Pre COMMAND #1 (COMMAND CONTENTS)	STATEMENTS ARE WRITTEN  116
	Pre COMMAND #2	
	-----	
117T Post COMMAND Table	Post COMMAND #1	117
	Post COMMAND #2	
	-----	

TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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122 121 **FIG. 20** 124

FIELD NAME			DESCRIPTION CONTENTS
P LIST COMPREHENSIVE INFO.			P LIST SIZE , THE TOTAL NUMBER OF P LISTS =4, OTHER INFO.
P LIST POINTER table	P LIST #1 POINTER		STORING ADDRESS OF P LIST #1 INFO.
	P LIST #2 POINTER		STORING ADDRESS OF P LIST #2 INFO.
	P LIST #3 POINTER		STORING ADDRESS OF P LIST #3 INFO.
	P LIST #4 POINTER		STORING ADDRESS OF P LIST #4 INFO.
P LIST #1 INFORMATION table	P LIST #1 COMPREHENSIVE INFORMATION		THE TOTAL NUMBER OF CONSTITUENT ITEMS=3, OTHER INFORMATION
	P LIST #1 ITEM INFO. table	ITEM #1 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
		ITEM #2 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
		ITEM #3 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
	OTHER INFORMATION		
P LIST #2 INFORMATION table	P LIST #2 COMPREHENSIVE INFORMATION		THE TOTAL NUMBER OF CONSTITUENT ITEMS=1, OTHER INFORMATION
	P LIST #2 ITEM INFO. table	ITEM #1 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
	OTHER INFORMATION		
P LIST #3 INFORMATION table	P LIST #3 COMPREHENSIVE INFORMATION		THE TOTAL NUMBER OF CONSTITUENT ITEMS=2, OTHER INFORMATION
	P LIST #3 ITEM INFO. table	ITEM #1 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
		ITEM #2 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
	OTHER INFORMATION		
P LIST #4 INFORMATION table	P LIST #4 COMPREHENSIVE INFORMATION		THE TOTAL NUMBER OF CONSTITUENT ITEMS=1, OTHER INFORMATION
	P LIST #4 ITEM INFO. table	ITEM #1 INFO.	APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc.
	OTHER INFORMATION		

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TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 21

OBJECT INFORMATION 131  
AU Table

FIELD NAME				CONTENTS
AU TABLE COMPREHENSIVE INFO.				NUMBER OF AUs, POINTER TO EACH AU, etc.
AU Table	AU #1  132I	PU #1	ES_Table Index #1	INDEX NO. OF ES_map table = 1
			ES_Table Index #2	3
		PU #2	ES_Table Index #1	4
			ES_Table Index #2	5
	AU #2	PU #1	ES_Table Index #1	9
			ES_Table Index #2	10
		PU #2	ES_Table Index #1	12
			ES_Table Index #2	13
	AU #3  302I	PU #1	ES_Table Index #1	14
			ES_Table Index #2	15
			ES_Table Index #3	16
			ES_Table Index #4	17
			ES_Table Index #5	18
OTHER INFORMATION				

ES\_Map Table 134.

FIELD NAME		CONTENTS
ES_Map Table	ES_map table COMPREHENSIVE INFORMATION	INDEX NO., etc.
	Index #1	ES_PID VALUE = 101 ADDRESS INFORMATION
	Index #2	ES_PID = 102 ADDRESS INFORMATION
	Index #3	ES_PID = 103 ADDRESS INFORMATION
	Index #4	ES_PID = 201 ADDRESS INFORMATION
	Index #5	ES_PID = 202 ADDRESS INFORMATION
	Index #6	ES_PID = 301 ADDRESS INFORMATION
	Index #7	ES_PID = 302 ADDRESS INFORMATION
	Index #8	ES_PID = 303 ADDRESS INFORMATION
	Index #9	ES_PID = 201 ADDRESS INFORMATION
	Index #10	ES_PID = 202 ADDRESS INFORMATION
	Index #11	ES_PID = 203 ADDRESS INFORMATION
	Index #12	ES_PID = 101 ADDRESS INFORMATION
	Index #13	ES_PID = 102 ADDRESS INFORMATION
	Index #14	ES_PID = 101 ADDRESS INFORMATION
	Index #15	ES_PID = 102 ADDRESS INFORMATION
	Index #16	ES_PID = 103 ADDRESS INFORMATION
	Index #17	ES_PID = 104 ADDRESS INFORMATION
	Index #18	ES_PID = 105 ADDRESS INFORMATION
	OTHER INFORMATION	